

Fall 10-10-1972

The Tech News, Volume 64, Issue 5, October 10 1972

The Students of Worcester Polytechnic Institute

Follow this and additional works at: <http://digitalcommons.wpi.edu/technews>

Recommended Citation

The Students of Worcester Polytechnic Institute, "The Tech News, Volume 64, Issue 5, October 10 1972" (1972). *Tech News All Issues*. Book 1255.
<http://digitalcommons.wpi.edu/technews/1255>

This Book is brought to you for free and open access by the WPI Student Publications at DigitalCommons@WPI. It has been accepted for inclusion in Tech News All Issues by an authorized administrator of DigitalCommons@WPI.



Urbacar: An Attempt to Match the City

by Jon Anderson

Did you ever want to design and build the perfect car? What fuel would you run it on? What materials would you use? How much would it cost other people to buy your car?

Last summer twelve WPI students answered these and other questions like them. They designed and built the perfect car for future urban transportation. Then, in early August, part of the group, led by Mechanical Engineering graduate student Dan David tested the car against sixty-four other entries from the United States and Canada at the General Motors Proving Grounds in Milford, Michigan. WPI's squat propane-whiffing entry placed thirteenth overall and first in the northeast outrunning entries from Brown, MIT, Tufts, and the University of Michigan.

WPI's summer design had a "gas" according to Dan David. "You had to enjoy what you were doing. Why else would you spend seventeen hours a day — seven days a week, slaving for \$80 a week? I always wanted to build a car," continued David.

Money for last summer's student stipends was supplied by the National Science Foundation and some other sponsors. Materials were donated by Uniroyal, Chabot Motors, Unicam Fiberglass Company, and Weldex Propane equipment.

In the spring of '71 the Urban Car Contest was announced. Cars were to be safe, small, clean and innovative. During that summer a preliminary entry report was submitted. But throughout the following fall the project floundered for lack of student interest and leadership.

Near the end of October last year the project began a slow jolting acceleration into last summer. Dan David, Paul Miller, and senior Bob Wood advanced a proposal which was immediately adopted as the final design. In December, the school gave a green light to the project allowing the team to search out industrial sponsors for their expensive work.

An Intersession course was given on the Urban Car, ostensibly to begin building it. But work had fallen behind. The Intersession group built a plaster model of the car which was to be used to make the molds for the one piece plastic body. The plastic mold was a failure.

Work continued on the formation of the body molds throughout the spring. Simultaneously, work began on the transmission, the chassis and rebuilding an Austin engine to burn propane gas.

All the night before graduation last spring, Dan David prepared the molds for shipment to Indiana, where the body was to be cast. There, the molds collapsed and David was summoned to Indiana to effect a new repair job.

By August first last summer, the car was running. Several days later it was packed into the back of a Ryder Rent-a-Truck and with the five team members it was on its way to Michigan. "None of us had ever driven a truck before," David remarked.

After the contest the car was on display at the Worcester Center and public reaction to it was sampled. Said Dan, "Some people thought we were crazy. Many were jealous they never got to work on something like this in college."

The car is rather unique. It is a plastic bodied three passenger city car. It is a congestion reliever, not a race car. It features four wheel disc brakes, one sliding door on the

curb side, an automatic stick shift, radial tires, a high level brake light and ten miles per hour tested bumpers.

The urban car was never really finished. The summer crew never had time to work out the bugs that appeared in Michigan. The braking system is poor, the transmission needs work, and the engine is pretty dirty. "We need help to finish the car cosmetically as intended." Related projects to work out the bugs will be available later in the year.



Three views of the WPI Urbacar emphasize its squat form.



Cinemathech will present "Throne of Blood" Thursday at 7:30 p.m. in Alden.

Japan's Throne of Blood

by Gary Golnik

World-renowned director Akira Kurosawa's *Throne of Blood* has been called "a nerve-shattering spectacle of physical and metaphysical violence." Kurosawa, in the 1957 film, adapted Shakespeare's *Macbeth* to tell the tale of a power-hungry 16th century Japanese war lord. Its reviewers speak of the film as "exciting, engrossing, powerful, even strangely stimulating."

The chance to look at Shakespeare transplanted into another society is of interest to the student of drama. "It is important for students of drama to know how various theatre people in different times have interpreted the great classic of *Macbeth*."

The film promises some magnificent photographic techniques. "The locations are a triumph of atmosphere, set in high cold hills with clouds sweeping over the ground and parting fitfully to show a castle clinging to the steep moors."

"Kurosawa's camera is handled with magnificent skill."

Statement in Steel Located Near Kaven

by Nora Blum

No, an airplane didn't crash next to Kaven Hall. Looking more closely, the symmetry and fluidity of the recently installed metal structure reveal that its origin was much more than accident.

"A statement in structural steel," is how Professor Sage described the sculpture. Bringing his hands up for emphasis and looking again at the work in metal, Sage added, "It makes steel dynamic. I'd call it a 'stable'. It moves even though it has a firm base. You know, when the wind is strong enough, it actually vibrates from that central point where the two sections are almost touching."

The sculptor of this piece is Herbert Harrington, a friend of Professor Sage. The structure was welded together in the shop here on campus last August and then displayed at the Worcester Art Museum for the past year on the

corner near Institute Road. Mr. Harrington first constructed his idea as a small cardboard model and then had it fabricated by the Blake Company.

Herbert Harrington is a local sculptor who has studied at the Worcester Art Museum and the Worcester Craft Center. Currently, he has a major piece on display in the Boston Government Center. Other major showings took place at the De Cordoba in Lincoln, Massachusetts, and a contemporary art museum in Boston. Called prolific by Prof. Sage, Mr. Harrington has two workshops in Worcester, one located over the Tech Pharmacy and the other on Water Street.

A pictorial history of Mr. Harrington's sculpture, from conception through construction to showing, will be displayed in the Gordon Library in the near future.

An Editorial regarding the seven week terms and a petition requesting a return to fourteen week semesters appears on page 8.

The TECH NEWS asks that some of those in agreement take it upon themselves to circulate the petition on floors, in Fraternities and apartments and among commuters.

Please return signed petitions to the TECH NEWS Office (slip under door) by Sunday afternoon.

If anything is to be done, it must be done NOW!

Bornstein Named Director

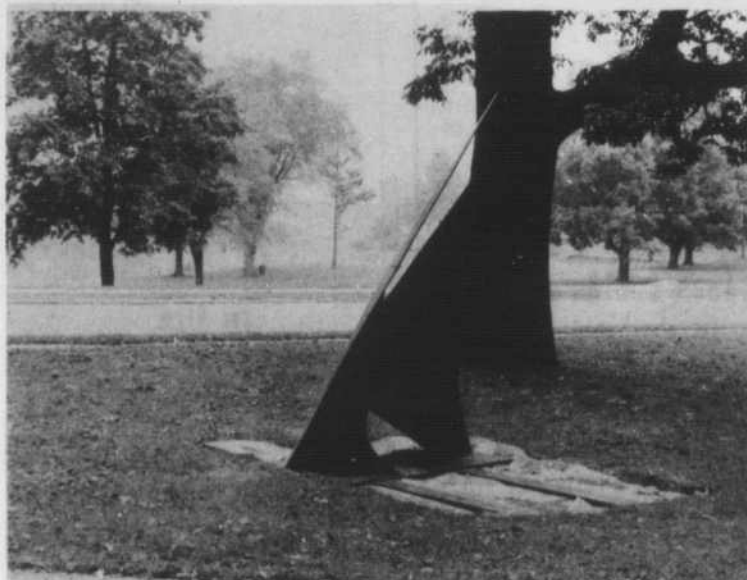
Barry A. Bornstein, who has been director of public relations for the Pine Tree Society for Crippled Children and Adults at Bath, Me., for the last two years, has been appointed director of corporate relations at WPI according to Vice President of University Relations Thomas J. Denney.

Bornstein also was a member of the Bath Planning Board, and was serving as secretary, at the time of his resignation to come to WPI.

He is a graduate of the University of New Hampshire and has studied law at Boston University. A native of Boston, he attended Chelsea High School, and has served as director of community relations for the Office of Economic Opportunity in the Chelsea Area.



Barry Bornstein is the newly appointed director of corporate relations.



Herbert Harrington's "Statement in Steel" has motion even though it is fixed. (Photo by Kent Lang)



by
Don
Lavoie

The Middle Ground

Between A Free Market and Socialism

"Although competition can bear some admixture of regulation, it cannot be combined with planning to any extent we like without ceasing to operate as an effective guide to production. Nor is 'planning' a medicine which, taken in small doses can produce the effects for which one might hope from its thoroughgoing application. Both competition and central direction become poor and inefficient tools if they are incomplete; they are alternative principles used to solve the same problem, and a mixture of the two means that neither will really work and that the result will be worse than if either system had been consistently relied upon."

F. A. Hayek

In political matters where there are two dominant points of view it is common for people to choose some middle ground between them. Compromise is the politician's art. Democracies inevitably guide the leaders toward the middle of the road, as it is political suicide to be associated with the 'radical' elements of either extreme. Nixon is leading primarily because the American people find him very moderate and consider McGovern to be otherwise.

Unfortunately economics doesn't work that way. Applying socialist ideas to a free market simply destroys all the beneficial effects of open competition. Central planning and capitalism are incompatible, thus a middle philosophy of economics (as voiced by both major presidential candidates) is a poor one, worse than either extreme would be.

In a free market, wages and prices are determined by the degree of demand for products by consumers, and by supply of these products. The market chooses the most efficient procedures for each product by means of profits and directs production toward the satisfaction of the most urgent wants of the consumers. The argument for intervention has always been that the economy is not really competitive, that for example, big businesses can determine their own markets and set their prices at will. To the degree that this is an accurate charge it is inevitable that this situation was created by previous state intervention in the market. The old standard of monopolies was the terrible age of the Robber Barons, the days when the big railroad companies controlled the entire transportation industry. While this is commonly used to point out the deficiencies of laissez faire economies it was in fact a situation caused by government interference. National subsidies went into big railroads, grants of land were made making competition by other

railroad companies (or other modes of transportation) impossible. Taxes on profits is another way the state can discourage competition. The large established firms can absorb these taxes while the small challenger really needs the money for self expansion.

Monopoly unions also help protect large firms from those pesky little competitors by making union membership mandatory throughout the industry. The result is (a) that very high wages are paid to all workers in the industry making it tough on the small firms to get going and (b) when a strike occurs it is necessarily industry-wide so no firm can compete by staying open.

As long as competition isn't either outlawed (mail carrying) or rendered practically impossible through state intervention monopolies can never rule over the consumer.

Interference in the free market through, for example, redistribution of income, and more generally, high taxes, slows or stops the capital growth that is a normal attribute of an unhindered market economy. Tariffs limit the natural tendency of the free markets to seek out the most efficient firms. Wage and Price controls destroy the meaning of wages and prices, turning them into arbitrary values, totally ineffectual in determining the balance between supply and demand. Government control over the supply of money has, in every historical case on record, lead to spiraling inflation. Unions contribute to the unemployment problem by demanding wages far above their market level.

Similarly free market ideas applied to a centrally planned economy are counterproductive. A plan cannot work unless all the participants in the plan perform as directed. Allowing a little economic freedom here, a little there is sure to botch up the entire plan. When you're directing a military campaign you can't allow some soldiers to act as they please, and to do so would render your plan useless. When the planner decides, for example, to make all incomes equal in the nation he cannot allow producers to raise or lower the wages of his employees at will.

It is precisely the mixture of Socialism and Capitalism that causes monopolies, runaway inflation, excessive unemployment rates, and big business-government collusion against the consumer. We have to decide between one method or the other. Compromises only make the problem worse.

An Open Letter to Don Lavoie

In your last two articles you seem to be a bit inconsistent. In your article on abolishing student government here at Tech (I am very close to agreeing with you here, but for different reasons) you stated that Student Government had no right to exist because it was outside of the "contract" which one signed to enter WPI. As for the Tech News, you say that it is philosophically barren in its excuse for existence for the same reason.

It seems, however, that in your desire to be controversial, you overlooked one obvious (?) and important fact. Everything that you pay to attend this institution (that is, all that is listed on your bill) has at least the tacit approval of the administration with whom you are signing the contract. The administration (Pres. Hazzard, the Board of Trustees, etc) have decided upon the way in which WPI is to be run and if they have deemed (wisely or not!) that something (such as a school paper or some support for Alden Labs) is necessary, you have agreed to pay for this when you signed your "contract". You are free to accept or reject the terms of the contract just as they are free to accept or reject you. When you signed your "contract", you agreed to an education by their rules. This is a private institution and this is the way it should be. While I support the EMPIRG, I have doubts about the mandatory nature of the tax of

\$2 which was voted in by 20% (?) of the "student body". If the administration has relegated some of its powers to a student body (or even to an appointed group of outsiders), this student body does have a right to exist. Whether such powers should be relegated by the administration is another question entirely.

Another point is your irrational statement that it is "logically indefensible" to knock the Tech News because anyone is welcome to join the staff and write. Take the following two cases:

1 - if I were an excellent writer, yet was not interested in joining the Tech News or had no time to do so

2 - if I were not a writer yet I could ascertain the difference between good and bad journalism

Surely a person under these circumstances could give a justifiable opinion on the Tech News. I fail to see upon what you base your statement. (CAREFUL: I am not saying that the Tech News is poorly written. I am merely commenting on your statement.)

As for the Tech News, your Crossfire article is easily the best thing it contains. An intelligent article does lend variety to the paper. (Don't let this go to your head.) If the Tech News were, as you suggested, privately owned, etc, I would probably force myself to do without Crossfire.

Marty Meyers

S. G. Selects Students for Faculty Committees

by Bob Fried

The first order of business at the Student Government meeting of October 3rd was to complete the selection of students for faculty Committees. This year's student members to the Committee on Student Life are Stephen Page, Michelle McGuire, Nancy Wood, and Kent Lang. The student members of the Committee on Student Academic Affairs are Jim Edwards and Gwynne Peterson. Scott Wells and Terry Luddy were appointed to the Curriculum Committee. The two students selected for the Committee on Academic Policy are Dean Stratouly and Mary Bolino. Richard Crispino was appointed to the Search Committee. The students mentioned above will comprise the Student Government's Academic Committee if the new resolution is passed.

A resolution concerning student complaints about some of the Phys. Ed. dept. policies was passed. The resolution suggests that the football field, when not in use, no longer be off limits to students; that the pool be open on weekends and afternoons; that facilities, such as weight room, be open for more hours; and that the students get free football tickets for dates and parents.

The suggestions contained in this resolution will be sent to the Faculty Committee on Student Life and also the Phys. Ed. dept. for their consideration.

The Tech News

Vol. 64

Tuesday, October 10

No. 5

NORA BLUM
Editor-in-Chief

Associate Editors. Stephen C. Page
Gerard F. Petit

Features Editor Gary Golnik

Sports Editors Terry Luddy

Gwynne Peterson

Make-up Editor Mark Mahoney

Copy Editors Don Lavoie

Ken Larsson

Business Manager Hugh McAdam

Advertising Manager Tom Palumbo

Circulation Manager Tom McInerney

Photography Editor Kent Lang

Faculty Advisor Prof. S. J. Weininger

Junior Editors Dave Gerth William Delphos

Staff: Virginia Giordano, Robert Kingsley, Judy Nitsch, Paula

Fragassi, John Matthews, Jon Anderson, Scott Shurr, Mary Jane

Chaffin Sweeney, Mike Blazar, Ray Cibulskis, Paul Nordstrom,

Tim Wimbrow, Ed Dlugosz, Barry Tarr, Gene DeJackome, Paul

Russell, Russ Naber, Matt DiPilato, Garret Cavanagh and Ken

Dunn.

The TECH NEWS of Worcester Polytechnic Institute is published weekly during the academic year, except during college vacation. Editorial and business offices are located in Daniels Hall, West Campus. Second class postage paid at Worcester, Mass., and additional mailing offices. Subscription rate \$4.50 per school year; single copies 20 cents. Make all checks payable to Business Manager.

Tech News Office Tel. 753-1411 Ext. 245



To All Students:

Any students interested in assisting with the performance of the Springfield College Gymnastic Exhibition team on Nov. 7 please report to Dean Brown.

Students Against Fire

This year, SCORE (Student Competitions on Relevant Engineering) is running a competition in the area of "Firefighting-Design and Construction." Anybody interested in becoming involved in this worthwhile and fascinating project, especially ME's, EE's, Civils, Chem. Eng., and Chemistry and Physics Majors, contact Dave Demers at 791-7741 or 852-2162 (after 6) or sign up outside Prof. Mayer's Office in Higgins.

Intercession

Priority

Registration

Numbers

are posted

in the

Scheduling Office

Registration forms (and priority #'s) are available from advisors.

THE

GREEK CORNER

FIJI

The Phi Gamma Delta (FIJI) at WPI has been awarded the O.H. Cheney Cup, the highest distinction a FIJI chapter can receive. The award was presented to the representing delegates, Bobby Wood, Garry Balboni and Bill Delphos on August 25th at the FIJI National Convention at the Sheraton Palace Hotel in San Francisco, California.

The Cheney Cup is awarded annually to that chapter adjudged most outstanding in the conduct of its affairs as evidenced by scholarship, campus activities, and fraternity relationships.

FIJI would also like to express the hope that everyone has a good time on Homecoming Weekend.

PKT

Last week our volleyball team upped its record to 7-0 with three impressive victories. Our challenge to all houses concerning a crew race is still open and our hockey team will be ready to offer a similar challenge in a couple of weeks.

IFC Marathon Basketball

The Interfraternity Council is sponsoring the 2nd Annual Marathon Basketball Game starting Friday, October 20, at 8:00 p.m. The game will be played in Tech's Harrington Auditorium. All of the proceeds from this event will go to the Greater Worcester United Appeal. Last year \$1500 was raised during the 24 hours. It is hoped with the added support of The Worcester Community that this sum can at least be doubled.

The admission will be fifty-cents at the door and every paying person will receive a numbered ticket. The half dollar coupon will be good for the grand prize drawings and every half hour drawing. Ten cent tickets will be available inside the gates and they will be used for all of the half hour drawings. Ticket holders must be present in order to win at any one of the mini-drawings but anyone may win one of the several grand prizes to be drawn at the conclusion of the games on Saturday the 21st at 8:00 p.m. To give an idea of just how far your money can go, last year some of the mini drawings included a \$25 gift certificate from Strand's Ski Shop, a free tune-up valued at \$30, and a life-time supply of envelopes worth ? The grand prizes were a television, record changer, a free meal at a local health spa, and an Onyx necklace.

All of the prizes are donated by local merchants, alumni, faculty and students. Presently, each fraternity house is covering a section of the city and soliciting gifts for the event. Last year, an average of ten prizes were given away every hour and we'd like to double that too.

The teams will consist of the I.F.C. members versus any possible combination or conglomeration of talent, beauty, or muscle. Any group may sign-up for a time slot by following the instructions being circulated on posters around the campus and at other colleges.

Unlike last year, play will be stopped at various intervals for a number of events to be named soon. Again a concession will be run in the auditorium throughout the games featuring baked goods donated by faculty wives, secretaries and others all adding to the cause.

Slaves will be auctioned along with other items at a time that will be mentioned later.

All students, faculty and friends are asked to participate in some way, so that the school can make another good-sized contribution to charity.

Any questions, ideas, and gifts, please contact either Dean Trask, Student Affairs; Bill Delphos, Daniels 322; or Steve Baum, Daniels Head R.A. Room.

Be watching for announcements of other events!

Let's make this
year's
fraternity
homecoming
displays
the best yet.



To the Editors:

It's been said that if one gives enough monkeys, enough typewriters, and enough time they will eventually write all Shakespeare. So too with the WPI student. Get enough of them with enough sliderules, and enough time, they will produce pi as a repeating function.

Perhaps that is what the long semesters of the past were trying to do. With enough time, repetition, and grinding, the course would eventually sink in. Speed and comprehension did not matter, but rather endurance was the determining factor.

The school as with many ability rating exams has gone to this method. As much as anything that the plan has brought in, the 7 week term puts the decision making on the student. Now that the sluffoff

periods of the semester are gone, one has to make good use of available time.

Ability and speed of comprehension play a stronger part. Continuous grinding will fall behind importance.

So the school is faced with problems from the extremes. The grinders without enough time to completely master the course and the lackadaisical student without enough time for more enjoyable portions of education. Now the time of decision is always around.

Seven weeks is demanding on everyone.

When counting up hours spent, remember the skipped classes and free evenings. While it seems that the concern is now on learning and classroom time, it wasn't long ago that mandatory attendance was successfully fought.

So perhaps we will see a change to the old;

- 7 weeks to 14 weeks
- RA's to Dorm Counselors
- the PLAN to Q.P.A.'s
- WPI to Worcester Tech

Anonymous Grad Student

To the class of 1976:

This Saturday, as you may know, is Homecoming Day. Homecoming is that once a year time when all former Techies come home to "roost." They come to reminisce about old fraternity parties and former slide rule problems, and they come to watch Tech win a football game.

A football game brings us to the point of this dissertation. There is one thing that helps a team to want to go back on the field play after play and "bust a few heads open": the dynamic condition that the crowd is behind them and wants them to win. We know of one way that convinces the team — NOISE!! You all saw what happened the few times that there was cheering during the Bowdoin game — we scored a few touchdowns. Just think what could happen when there was a constant volume of pure noise coming from the stands!

It is necessary that you frosh begin the spirit, begin the noise, because the majority of the upperclass have been closed-mouthed athletic supporters for too long a time. So this Saturday, grab your girl and a six of your favorite brew, and get on down to the Bates game. Make sure that you're in the right state of mind to show all the alumni and the silent fraternities that '76 has the spirit!

The Cheerleaders

Review La Religieuse

by Gary Golnik

Powerfully Anti-Catholic in theme and plot, La Religieuse (The Nun) was otherwise unremarkable, with the exception of its not-unexpected surprise ending. It was the story of a young girl's fight for release from a convent, which ends in tragedy because she is trapped not in a convent but in a world.

The cinematography was poor. The photography was adequate, but not anything special. The acting was not exactly stilted, but with the exception of the lead, not exactly good. The English subtitles were not good at all; at times the translation was poor, even arbitrary, and the gaps very noticeable. The soundtrack was not even synchronized in several places.

Despite the difficulties, the movie did have a few good points; the cloister at the nunnery was at worst an interesting movie set, and at best a very interesting old piece of architecture. Unfortunately, a slide and projector would show it just as well.

24 Hours of?
Anything
Imaginable
The
Marathon
Game

R. Johnson to Speak

On Tuesday, October 17, the Assembly Committee will present Russell Johnson, program consultant to the American Friends Service Committee, to speak on the topic, "The U.S. and China: Is Conflict Inevitable?" His talk will be illustrated by 160 slides of China.

Johnson, and his wife Irene, recently spent a month in China (August 18 - September 18, 1971). They travelled to Canton, Peking, Chengchow, Sian, Nanking, Shanghai, and Yenan. They visited four communes in rural areas; factories, hospitals, and rural clinics, nurseries, kindergartens, primary schools, and universities; the Great Wall of China and the Modern Red Flag Canal.

Johnson has travelled all over the world in the past few years, including places that no other Americans have been. On their way back from China, he and his wife returned via Moscow and the 6000 mile trans-Siberian Railway.

Johnson's talk will be a unique opportunity to see what the China of today is like. While his viewpoint may not sit well with conservatives, it will present a fascinating insight into China.

Fall Honors Assembly Cancelled

Each year the members of Tau Beta Pi, the engineering honor society, organize a rather unimpressive Fall Honors Assembly. The format of the assembly is easily summarized: The presidents of the individual honor societies speak in turn, each giving about a three minute history of their particular organization. They then announce the names of new members and award pledge paddles if the pledges happen to show up. Attendance has fallen off considerably in the past few years, until only those who know they are being pledged attend, along with a handful of faculty, and a number of fraternity members who turn out to cheer on their scholarly brothers.

This year the members of Tau Beta Pi have altered the selection process to Honor Societies in an effort to make selections more fair and meaningful. In this same light, we have decided to cancel the Fall Honors Assembly. Instead, the honor societies will be pledging their members on their own after faculty input, and the names of all pledges will appear in a later issue of the Tech News.

The Members Of Tau Beta Pi

"THE UGLY MEN"

Here are the 13 ugliest students at WPI, but WHO is the UGLIEST?

To answer this important question, APO will hold an election at the end of this week.

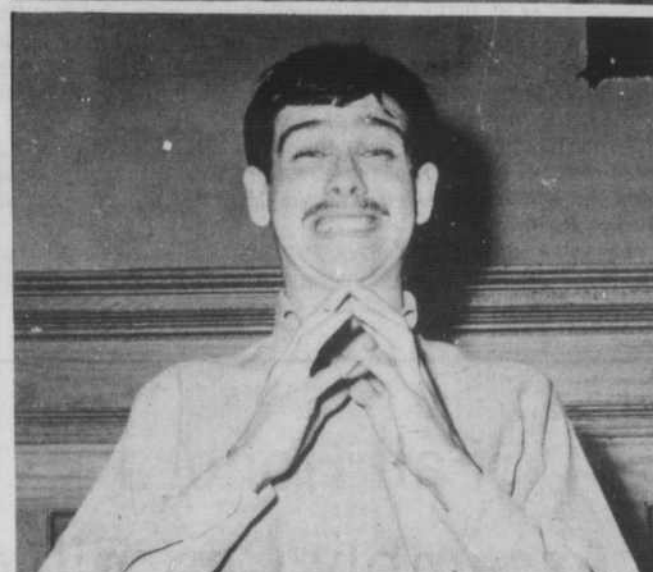
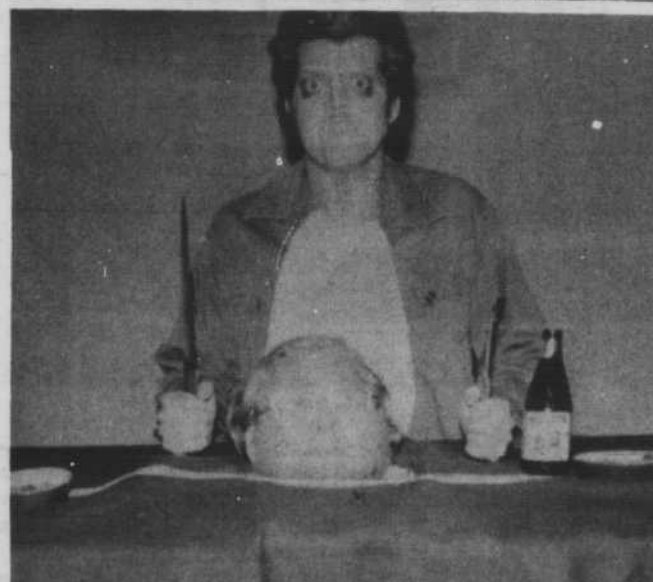
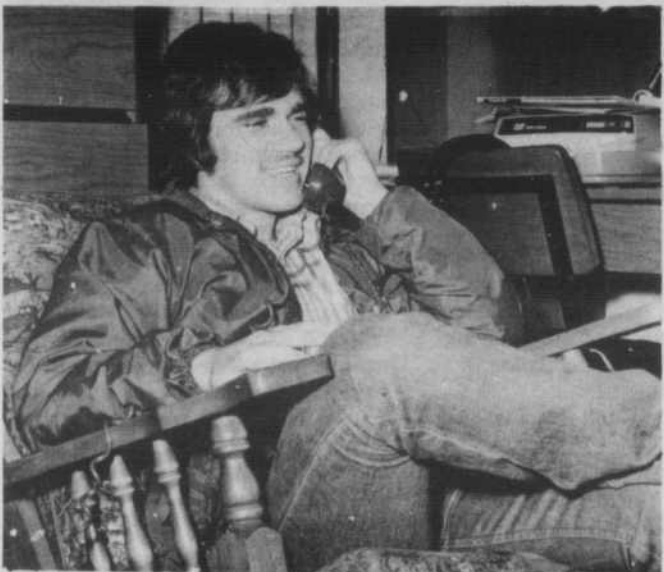
Voting will be on Thursday and Friday from 4 to 6:30 in Daniels, then Morgan. On Saturday, before the football game and at halftime and in the fraternity houses people can also vote.

The winner will receive a \$15 prize from any of the Tech blotter sponsors and a voter will win a \$10 prize.

We hope that everyone will vote at least once as the proceeds are going to the American Cancer Society. Last year we raised over \$120. Let's top that this year!

THE CANDIDATES

(L. to R. starting at the top) Torbjoern "Mr. Great" Nygaard (Stod. A), Paul Houlihan (PSK), Glen Richardson (SAE), Doug Warren (R-1st), Steve Olson (M-4th), Jeff Katz (M-3), Jeff Tacconi (D-1), Rich Wolke and Don Salerno (OX), Nick Kyriakos (ATO), Norm Szamocki (Stod. B), Rich Morrissey (Commuter), Stephen Anstey (D-4th), and Chuck Riedel (Sig Pi).



HOMEcoming!!!!

Remember! This weekend is Homecoming. Sha Na Na and the Fabulous Rhinestones on Friday; and Albert Brooks, The Proposition, and Whole Oats on Saturday. If you don't have a ticket for a floor table on Saturday (they're marked!), please sit up in the balconies; it's a bummer to argue about who the table belongs to, and the tickets are marked.

McGovern-Nixon Debate Falls Short of Expectations

The great McGovern-Nixon debate here last Tuesday left much to be desired and in fact turned out to little less than a farce. Presumably, most of the 25 or 30 people there, went with the intention of hearing two people, with a fairly good knowledge of their respective candidate's positions, explain exactly where each man stood on certain issues. This wasn't quite the case, however.

To begin with, Robert Roth, the "McGovern representative," caused slight confusion when he began by stating that he didn't come as a supporter of the McGovern-Shriver ticket. McGovern, he said, was not his image of a White Knight or a savior who would create the kind of country he hoped for. Roth, who tagged himself as an anti-war and civil rights activist, then did justify (to some degree) his being there by stating that McGovern, while not the ultimate answer, was by far the better of the two candidates.

He gave three main reasons why a Democratic victory would be better than a Republican one. First, and most important, he would put an end to the war. Second, McGovern's tax proposals, while not a panacea, were malleable and were far more just than Nixon's corporation benefitting tax structures. He also thought that this administration has a stench of corruption, from the dirty money with which it financed the police state type of activities such as the Watergate bugging to bought favors in the I.T.T. case.

He also denounced the President for his economic policies under which unemployment doubled and inflation rose.

Mrs. Barbara Sinnott, a housewife, (Roth is a sociology professor at Clark) was the representative for Nixon. She emphasized the "great strides the president has made since he took office." Among these were pollution control, his move to end

the draft, and his "scaling down of the war."

In reference to this last point, she told of how there were only 45,000 troops left in Vietnam and how the ships were waiting off-shore for a settlement so they could remove these too. (She neglected to mention what these ships were doing while they were waiting or what the Air Force in Guam and Thailand were doing while they were waiting.) Also mentioned were the President's China and Russia trips, his efforts at drug control and his bolstering of national defense. McGovern's inconsistency on some issues was knocked by Mrs. Sinnott. She said that she found his views on things to change too often and that many of his proposals, while having good ends, lack a sound foundation.

The debate portion ensued with each asking questions. Many of Mrs. Sinnott's answers were her own feelings because she "didn't know what the President's exact feelings were." Mr. Roth also often gave his personal opinion rather than McGovern's. His answers at times were quite bluntly sarcastic and at some points seemed to try to make the Nixon representative look like a fool.

The whole thing became almost comical when two members of the Socialist Workers Party, irked because they didn't get invited to participate, stood up and denounced the policies of both candidates. Mr. Roth promptly agreed with at least their ideas if not their methods of presenting them while Mrs. Sinnott muttered something about reading up on her Karl Marx before she came.

This was supposed to be the first of a series of talks, debates, etc. to increase political awareness. Let's hope in the future the organizers get people who are at least aware of what they are supposed to talk about.



25 to 30 People Attended McGovern-Nixon Debate

ROTC Leadership Laboratory

The first ROTC Leadership Laboratory will be conducted at Fort Devens, Massachusetts commencing on the eve of October 20, 1972 thru noon October 22, 1972. All students who are currently enrolled in Military Science courses or who plan to enroll in MS courses during the remaining terms of this school year, are reminded that all leadership laboratory periods are an integral evaluated portion of the courses. This first leadership laboratory period has as its primary focus: rifle marksmanship for MS 1 students, the M-79 grenade launcher and machine gun training for MS 111 students, field problems test and the con-

duct of physical training for MS 11 students, and supervisory leadership tasks for MS IV students. All students participating in leadership laboratory training are required to:

- (a) Obtain necessary clothing and equipment from ROTC supply.
- (b) Coordinate with the principal cadre officer for your class prior to October 16, 1972.

Remember, your attendance at all laboratory periods is necessary in order to fulfill the contractual requirements of enrollment in the ROTC Program and for the fulfillment of grading requirements.

"NOTIS" PIZZA

137 HIGHLAND ST.
752-9248

FREE
Mozzarella or Provolone

On Any Pizza

with this ad

Good: Oct. 3 - Oct. 10

Mechanical Engineering

Help Sessions

are being offered in the following courses:

1. ES2001 Mat'ls Science
Tu. & Th. 1:00 - 2:00 p.m.
Rm. 206 or 210 Washburn
(or by appointment, see Prof.)
2. Es 3004 Fluids
Mon. 3:00 - 5:00 p.m.
Rm 201 Higgins Lab
3. Es 3000, 3001 Thermodynamics
Tues. 3:00 - 4:00
Meet outside M.E. Dept. Office
4. ME2310 Kinematics
Thurs. 3:30 - 5:00
Rm. 212 Higgins Lab

If you'd like to ask some questions, or get help on a problem, your welcome to take advantage of these sessions.

There will be an A.S.M.E. Meeting on Oct. 11, 1972, (Wednesday), at 4:00 p.m.

Dr. Carl Clark will give a presentation entitled "Testing Man in Mechanical Systems" (Human Centrifuge Flight & Crash Testing)

Films will be used in the presentation.

There will be refreshments, and Dr. Clark should prove to be a very interesting speaker.

Everyone is Welcome!!

AUSA

The Worcester Tech Company of the Association of the United States Army will have its meeting Thursday, October 12 at 7:30 p.m. in HA 035 (ROTC Squad Room). Topics to be discussed include the National Convention in Washington and a film on life in today's Army. Everybody is welcome.

Attention Jewish Students

W.P.I. Hillel will sponsor a dinner on Sunday Evening, October 15 at 7:00 in the Collegiate Religious Center, 19 Schussler Rd. In addition to the good food, we will have a guest speaker. Please R.S.V.P. by calling Jay Dimand at 799-0320 or leave a note in the "D" box at Boynton.

P.S. Friday evening Services are being held each week at 7:00 p.m. in the Collegiate Religious Center, followed by Kiddush and a social hour.

"Johnny's Luncheonette"

113E HIGHLAND ST.

753-9670

Lowest Prices in area for quality food.

Breakfast, Dinners, and Take-Out Service

Choose from 14 Delicious Grinders

STUDENT MEAL TICKETS

Give You

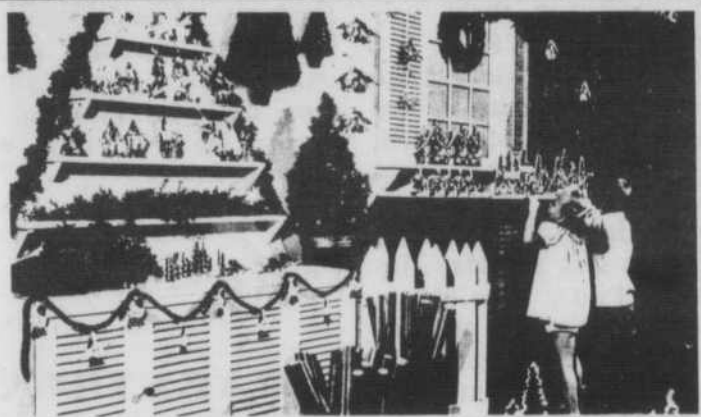
20% DISCOUNT

Facing The After-College Dilemma?

Are you still wondering what to do after graduation? Do you still need ideas about what careers are available for people with your major? Then come to Federal Career Days this Fall. The Federal Government offers careers in the most current fields and employs many people who are specialists in their fields. On Career Day a variety of agencies come to campus to informally discuss possible careers with the Government for people with any major and all academic levels. The purpose is not to recruit, but to provide you with information to help plan your future. Do yourself a favor. Be sure you have considered all possibilities before choosing a job. Come and visit any of the below listed colleges from 9:30 a.m. to 3:30 p.m. for Federal Career Days:

Suffolk University
Boston University
Boston College

October 26, 1972
November 28, 1972
December 13, 1972



Christmas creations a la Black Forest, handmade in Hawaii from original, three-dimensional designs to delight the collector. For treasured gifts, choose from over 200 items, each hand-painted in gay Christmas colors.

Our catalog sent on request

ORDERS AIRMAILED WITHIN 48 HOURS OF RECEIPT

A. ALEXANDER CO.

98 Riverside Drive,

New York, N.Y.

Pre-Law

Oct. 12 7:15 p.m.

Daniels Lounge

Speaker: Jerry Blodgett

SENIORS — Suffolk

University Law School will be on campus October 23 from 9-12:00 noon to talk to interested students. Please sign up in the Placement Office.

SPORTS... FITNESS... FUN

THE **YMCA** WAY



SPECIAL RATES FOR STUDENTS

766 Main Street, Worcester

Tel. 755-6101

Citizens Commission on Human Rights — Preview

by Jeff Friedman of C.C.H.R.

While I was in college, I wondered quite a bit about the human mind. What makes it act the way it does? Why do some people get so upset that they cannot cope with their environment, while others seem to be doing fine?

When a person gets upset and seeks help, what kind of treatment does he get? Who are these experts on the mind?

As I began to study Psychology, I kept wondering, when will I find the part of the course that talks about the effective treatment that is available. I wondered what exactly do you do to handle the mind? I thought that there must be an answer in these books. Well — it wasn't in psychology I, and it wasn't in psychology II, and it wasn't in psychology III. As a matter of fact I didn't even find a definition of the mind.

When I left college I continued to look for the answer. As I looked into the field of psychiatry, I found that there were, Freudians, and anti-Freudians, Pavlovians, anti-Pavlovians, Jungians anti-Jungians, Primevil Screammers, and anti-Primevil Screammers, Encounter Groupers, and anti-encounter groupers, and so on and so on. When a person is feeling upset emotionally, where do you send the poor fellow? If you send him to a Freudian, the anti-Freudian would tell you that you are all wrong. What I did realize beyond a shadow of a doubt, is that there is no standard treatment, in the field of psychiatry or psychology, just a lot of disagreement and confusion.

When a person has an organic disease, such as syphilis, and a doctor wants to prescribe Penicillin for treatment, I doubt if you would hear another doctor scream, "I'm from the anti-Penicillin School, and I urge you not to give this medicine." Well as ridiculous as this may seem, this is exactly what is happening in the field of mental health.

Realizing that this was the situation I became very concerned in the area of law, and Human Rights. I knew that people were forced to have this psychiatric treatment against their will, and where before it may have been for their own good, I certainly was not convinced of this at all. A psychiatrist today, can stand up in court, and say that a person is insane (regardless of what school of psychiatry he may be from), and on his word the person is locked up in a mental institution, against his will and even treated against his will with drugs, electric shock, and the old ice pick in the head lobotomy.

What are the products of psychiatry today, in making him the last word in deciding if a person is

sane or not? The psychiatric statistics are, a rising crime rate; an increasing drug problem; rising insanity; and a public distrust of psychiatry so great that a Vice Presidential candidate, had to step down from nomination, just because of association with psychiatry. (I can't imagine a candidate withdrawing because someone found out that he had his appendix removed).

According to the world almanac, these experts have the highest rate of suicide of any group on this planet, including their patients. Also in the almanac one will find that over 43,000 people die each year in mental institutions in America alone. It is obvious that the problems of the mind and its treatment have not been solved by the psychiatric cult. The major problem facing the citizen today however, is in the area of Human Rights.

Do Mental patients have the rights of Men? In many institutions, the mental patient does not have the right to call a lawyer, write a judge, talk to his friends, or even receive mail unopened. You don't need 12 years of college to realize that these rights are being denied.

The so called experts try to make the problem look very complicated. They say that the Freudians are the only ones that can understand this very sensitive area of the mind (That is if you don't talk to an anti-freudian). But it is quite simple. Just stop and ask yourself what would be the purpose of a mental institution, a worthwhile purpose. If you feel that it would be a place where a person could go and regain his self determination and lead a productive happy life when he leaves, you may agree with most of the people on Earth. However if a person is going to regain his self determination, he cannot be forced into an institution, completely against his self determination to begin with.

Mental Institutions cannot be changed over-night. Human Rights for patients in the institutions, must and can be guaranteed.

The Citizens Commission on Human Rights, is working to guarantee these rights for patients. We need your help. It may only take an hour a week if you are a student, but that hour can help.

When one person's Human Rights are denied it effects all of us. If you are interested in helping, or want to find out more about the commission, please call Jeff Friedman at 262-0640 in Boston.

Dance Workshop



After the Pilobolus Dance Theater performance, a lively workshop was held in Alden.

(Photos by Kent Lang)



Free Classified Ads

MARKETING AUDIO and Visual Equipment — You make your own hours. Will not interfere with studies, etc. A knowledge of hi-fi-products would be helpful. Large, stock exchange company. Write: Cramer Electronics, North Shore Shopping Center, Peabody, Mass. 01960 or better, call 532-0800 days or 646-3268 nights. Ask for Jay Jacobs.

HOUSEHOLD THINGS

FOR SALE: sofa, stuffed chair, rugs, dining table, chairs, China closet, sleeping couch, bed, dressers, lamps, etc. Breaking up Mom's household. See: Prof. Ray Hagglund, Higgins Lab 118, or call my home, 829-3910.

Gridders Earn Honors After Home Victory

Quarterback Mike Ball, defensive back Kevin Crossen and middle guard Frank Whipp were honored last week for their performance in WPI's 21-0 victory over Bowdoin. Mike received the weekly Coca-Cola Gold Helmet Award, designating him as the best college-division player in New England, at a luncheon in Boston last Tuesday. He threw two touchdown passes and ran for another in that game to earn the award. Kevin was named to the ECAC weekly all-star

team for his role in the WPI victory as he set up two touchdowns with an interception and a fumble recovery. Frank received honorable mention status on the ECAC team as he also had an interception along with many key tackles.

THE MARATHON is coming!

BOOK PEOPLE

552 Main Street
Our new "Student's Co-Op" gives 10% discount on all school books.
We carry a wide line of classics, movement lit., study guides, occult, art, adult, etc.

BABSON COLLEGE

Wellesley, Massachusetts

Program for Master's Degree in Business Administration

For Business and Non-Business Majors

On-campus interviews October 20, 1972; 9 - 11:30 a.m. by Dr. Frank C. Genovese

Sign-up: Placement Office.

Anyone wanting to work on the paper — make-up will be on Monday this week at 5:00 p.m.



College Player of the Week, Mike Ball in action vs. Bowdoin.

Photo by Kent Lang

UPCOMING SPORTS EVENTS...

Oct. 9 — J.V. Football vs. Leicester. 3:30. Away.
Oct. 10 — Cross country vs. Tufts. 4:00. Away. J.V. Soccer vs. Leicester. 3:00. Away.
Oct. 12 — Varsity soccer vs. Lowell Tech. 3:30. Home.
Oct. 14 — Homecoming Football vs. Bates. 2:00. Home
Varsity Soccer vs. Clark. 2:00. Away
Cross Country vs. Bates. 12:00. Home
Oct. 15 — Crew race at Williams. 2:00.

FREE BEER TICKET

At the Homecoming Football Game buy three 16 oz. Bud's on tap at a 1/2 buck a piece, give us the ticket, and the fourth one is on us.

Class of 1974

WPI'S WIDE WORLD

SPORTS

Gridders Falter, 28-20, After Leading at Half

by Matt Dipilato
Paul Nordstrom

Somebody forgot to tell the Worcester Tech football team they were supposed to be crushed by Middlebury Saturday.

The hungry Engineers almost pulled off a major upset in the midst of a driving rain just losing to Middlebury in the closing minutes 28-20. Middlebury ranked fourth in New England and fourth in the Lambert Cup voting, was heavily favored over Tech but needed two fourth period touchdowns to rally back and overcome the game Engineers. In the end it was the running and catching of halfback Phil Pope and the pitches of quarterback Pete Mackey which did Tech in.

In the first half it looked as though Middlebury was going to run Tech out of Porter Field when after a scoreless first period they hit for two quick TD's. The first

came on a 74 yard march and culminated when end Terry McGurk recovered a Pope fumble in the end zone after he had crashed over from the one. The second came a short time later when Mackey pitched five yards to Charlie O'Sullivan. Both conversions failed and The Panthers led 12-0.

Then Tech's fireworks started. Sophomore halfback Bob Simon took the ensuing kickoff and raced 84 yards for Tech's first score, and with Aubrey's conversion it was 12-7. Then in the closing minutes halfback Geary Schwartz took the handoff from quarterback Mike Ball and scored from one yard out. The conversion failed and it was Tech 13 Middlebury 12! The second TD was setup when linebacker Gary Nunes playing another one of his hard-nosed ball games recovered one of Mid-

dlebury's seven fumbles (Tech had five) on the Panthers 29.

Middlebury 0 12 0 14-28
Worcester Polytechnic 0 13 7 0-20

First Period: No Scoring.
Second Period: Middlebury — McGurk, recovered fumble in end zone (kick failed) 12:13; O'Sullivan 5 pass from Mackey (run failed) 6:20; WPI — Simon 84 kickoff return (Aubrey kick) 6:08; WPI — Schwartz 1 run (pass failed) 2:11.

Third Period: WPI — Slavick recovered fumble in end zone (Aubrey kick) 5:11.
Fourth Period: Middlebury — Pope 1 run (Mackey run) 8:49; Coleman 19 pass from Mackey (McGurk pass) 11:38.

STATISTICS

	WPI	Middlebury
First Downs	9	20
Net Yards Rushing	133	166
Net Yards Passing	27	168
Total Offense	160	336
Passes Attempted	8	31
Passes Completed	4	13
Passes Intercepted By	1	0
Return Yardage	144	99
No. of Punts	8	5
Average Punts	32	35
No. of Fumbles	5	7
Fumbles Lost	4	3
Yards Penalized	67	53

In the third period Tech's Jerry Buzanowski recovered another Middlebury fumble this time on the Middlebury 11. This time Tech played razzle dazzle with Mike Graham fumbling in the end zone and Steve Slavick recovering for the touchdown. With the conversions Tech led 20-12.

After that Tech could not get going again with many big penalties, fumbles and poor breaks keeping them down.

In the fourth it was Middlebury's turn to take control. Doug Cramphin, Middlebury's other quarterback entered the game and led Middlebury to the Tech one yard line before sustaining a leg injury and leaving the game. Enter Mackey who handed off to Pope who crashed over, and with conversion it was tied 20 all.

Later in the final period with the help of two 15-yard penalties and some very questionable calls Middlebury scored again. Mackey set up the score with two key pitches to Pope then a 19-yarder to Coleman and it was over, 28-20.

Middlebury owned a wide edge in the statistics gaining 336 total yards with a balanced 168 both passing and throwing. Tech had just 160 total with 27 passing yards. Steve Slavick played a good game for Tech gaining 74 yards in 22 carries. He had strong blocking from a hard working front line.

Tech was victimized by some very questionable officiating throughout the game but especially in the fourth period when penalties and poor ball placements cost Tech many crucial drives.

Tech will try to rebound against, record setting Bates next Saturday which is Homecoming. Game time will be 2:00.

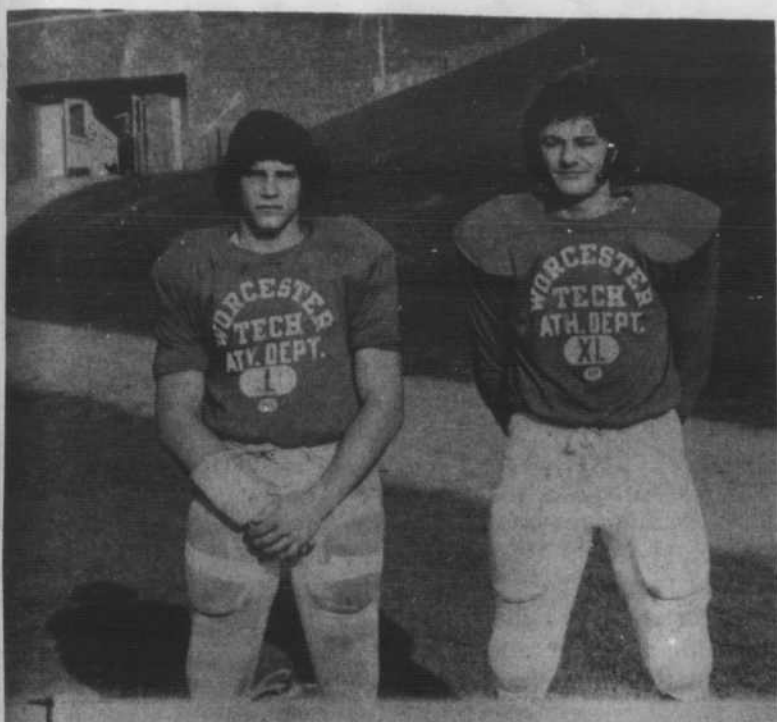
HARRIERS UNBEATEN

by Paul Russell

Five Worcester Tech runners tied for first place as W.P.I. breezed by Wesleyan last Wednesday by a score of 15-45. The five first place finishers were Dave Fowler, Alan Briggs, Chris Keenan, Bob Ferrari, and Andy Murch. They were timed in 23:41 at the Boynton Hill course.

Friday, Tech continued its winning ways in a tri meet against Lowell Tech and Bryant. Dave Fowler and Alan Briggs finished second and third respectively as Tech again coasted to victory. The scoring was WPI 25, Lowell Tech 46, and Bryant 61.

Tech continues its season next week on Tuesday at Tufts and at home against Bates on Saturday. The harriers boast a fine 8-0 record now and are looking forward to a superb season.



Football halfbacks Geary Schwartz and Bob Simon
Photo by D. Alteri

Soccer Team Drops 2-1 Game to M.I.T.

by Ed Dlugosz

Led by the aggressive offensive line and backed by a tight defense, the M.I.T. Engineers soundly defeated the Worcester Tech booters 2-1 last Wednesday.

Playing a four-man offense, the Engineers outthrustled the Tech men for the ball and displayed a fine brand of ball control during the first half. During this period, M.I.T. allowed Worcester only three shots on net. However, the fine goal-keeping of Marc Frodyma kept the score respectable despite a barrage of shots from the M.I.T. line.

The second half started as an evenly matched period with most play occurring at center field with the defensive halfbacks. However, later in the period with M.I.T.

leading 2-0, the Worcester offensive five came alive.

Tech bombarded the net with many close shots, one being a missed penalty kick, but managed to score only one goal. The comeback attempt failed as Worcester had the momentum but ran out of time.

	M.I.T.	W.P.I.
Shots on Goal	12-10	3-12
Corner Kicks	11	11
Saves	14	16
Fouls	6	7
Offside	0	3

M.I.T.	1	1	2
W.P.I.	0	1	1

	M.I.T.	W.P.I.
Goals:		
Yashita, S. (22:15)		Rupis, R.
Unsal, E. (30:45)		(35:12)

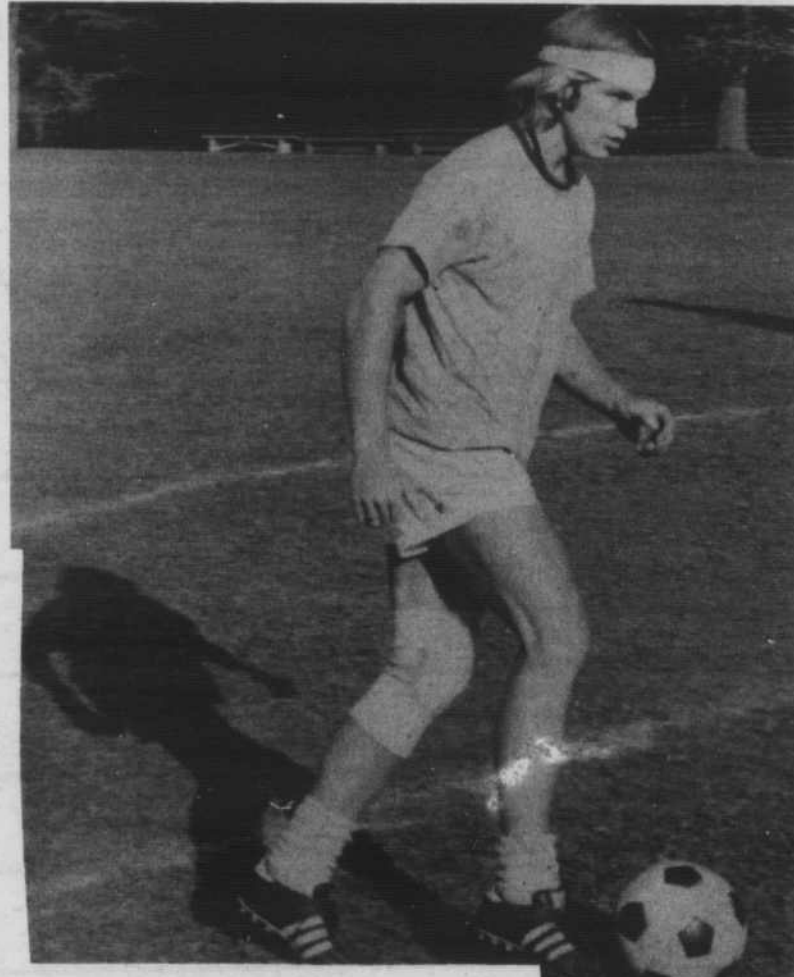
watch a match will be entertaining and the teams will probably appreciate the support.

SALISBURY LEAGUE

	Won	Lost
NIX	7	0
Daniels B	6	1
S.A.E.	6	1
S.P.E.	4	1
S.P.	5	2
T.K.E.	3	3
Subsonics	3	4
D.S.T.	2	4
Riley 3	1	4
A.E.P.	1	5
Daniels 2	0	6
Daniels 3	0	7

BOYNTON LEAGUE

	Won	Lost
KAP	7	0
ATO	6	0
PGD	5	1
Higgins	5	2
Turkey AC	4	3
L.G.A.	3	3
Morgan 4	3	4
Morgan 3	2	3
PSK	2	4
Gladstone	1	6
Russians	0	5
T.C.	0	7



Standout booter Bill Gemmer during recent practice.

Photo by D. Alteri

Tech Has New Sport Bowlers Form Team

by Gene DeJackome

Under the direction of co-captains Tom Burns and Gary Gow, the WPI bowling team has set its full roster for the upcoming season. The team has a tentative schedule with the opening tournament being the OWI Tournament on October 29 in Hamden, Ct. WPI students will be able to see the team in action at the Worcester Tournament which at present is set for either November 11 or November 18.

Included on the WPI bowling team roster are: Ed Karedes, Gary Gastiger, Wayne Stratton, Ken Robertson, Glenn Miller, Randy Emerson, Gary Anderson, Chuck Tobin, Rich Ames, and Don Gehner.



Bowling Co-captains Tom Burns and Gary Gow
Photo by D. Alteri

SUPPORT YOUR
CLASS '75

And join the fun of the annual

Frosh-Soph Rope Pull

This Saturday, October 14

Immediately after the

Homecoming

Football Game

Intramural Volleyball

by Russ Naber

Now that most of the teams have played almost half of their schedule, the scramble for the playoff spot has become a fight between three teams in each league. This past week saw some important matches for the contending volleyball teams.

In the Salisbury division, two independent teams, the Nix and Daniels 2B, were each undefeated and in first place. This came about by Daniels surprising upset of S.A.E. the previous week, and set up the confrontation of the two unbeaten teams Friday. The Nix however clearly showed they were the better team in taking Daniels in two games by a comfortable margin. So now each game becomes more important, as S.A.E. must still play the Nix and Sig Ep must not be overlooked as they have only lost one match, but have not played as many matches as the other.

In the Boynton league the big game of the week matched A.T.O. and F.I.J.I. both undefeated and tied along with KAP for first place. In the match A.T.O. took the first game convincingly, but had to come from behind to win the second and knock the Gam from the undefeated column. So A.T.O. remains tied for first with K.A.P., who ran off three quick wins last week. So now K.A.P. and A.T.O. have to meet head to head in a match which should decide first place for the league. With only two weeks remaining on the schedule every game is important and should be exciting with close races in each league. Going to

The TechNews Advocates

Return to 14 Weeks

The mid-point has passed, last week in fact, of the seven week terms and there seems to be a void. The void is between what you should know and what you do know. The pace has been too hectic for any reflection on the material presented, so hectic at times that there is barely time to present the material. All too often the professor attempts to cram in a few "final important points" in that last five minutes of overtime he's taken.

Is this the type of education that the student body wants? I really don't think so. Concentrated

study you might call it, great if the material could be punched on tape and run through your mind like a computer, but not the case here. The seven week term does not provide for the necessary time outside of class for the student to absorb lecture material, to reinforce it with lab work. If you missed a concept in class or were a bit hazy on it there is no time to think it over for it's on to something new tomorrow.

Looking back to fourteen week semesters, it was at times confusing but there was the luxury of time, time to think, to forget the work for awhile and then come back to it again without

having to cope with more new material piled on top of old that you still didn't understand.

The point of this editorial is to register dissatisfaction with the administration's policy of listening to the criticism with deaf ears. This statement is not written solely to rouse the ire of Boynton but rather as a statement of fact. After speaking with a few faculty members (six to be exact) we found a consistent consensus of opinion, the seven week term can't and will not possibly work, but Boynton knows better. They say it will and continue to demand that it work. When all this internal

criticism from faculty as well as students is present we cannot see how President Hazzard in his letter to the trustees can state "... things have been slightly chaotic. Yet our students seem to be surviving the chaos with equanimity and general good nature. Their reactions were just one more example of the maturity and responsibility of WPI students. (Believe me, the faculty rose to the occasion too)." How can the man make such a statement unless he truly does have deaf ears to students and faculty alike? It seems Dr. Hazzard is coloring someone's world with nice thoughts and it is not the average student's.

Since the displeasure of the students does not seem to be registering with the proper authorities we are asking that you evaluate the situation and consider the possibility of returning to fourteen week semesters again. If you are so disposed, then you should sign the petition stating so, so that it may be presented to Boynton. This will give the administration ample time to re-evaluate the seven week term and present a proposal before term C begins. It seems that unless something is done soon unrest will soon reach a peak.

The Editors

We the undersigned feel it to be in the best interest of WPI to abolish the seven week term in favor of the fourteen week semester.

1	20	39
2	21	40
3	22	41
4	23	42
5	24	43
6	25	44
7	26	45
8	27	46
9	28	47
10	29	48
11	30	49
12	31	50
13	32	51
14	33	52
15	34	53
16	35	54
17	36	55
18	37	56
19	38	57